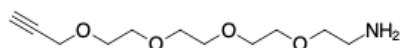

Alkyne-PEG4-amine

<http://www.lumiprobe.com/p/alkyne-peg4-amine-1013921-36-2>

Alkyne-PEG4-amine is a bifunctional oligoethylene glycol linker containing both an amine group for the easy attachment to various electrophilic reagents (NHS esters, epoxides, etc.), and an alkyne group for click chemistry. This allows a smooth conjugation of different biomolecules.

Reasonably long, highly hydrophilic PEG4 linker ensures smooth conjugation and separation of conjugated fragments in aqueous solutions.



Structure of Alkyne-PEG4-amine (CAS#1013921-36-2)

General properties

Appearance: yellowish oil

Molecular weight: 231.29

CAS number: 1013921-36-2

Molecular formula: C₁₁H₂₁NO₄

IUPAC name: 3,6,9,12-Tetraoxapentadec-14-yn-1-amine

Solubility: good in polar organic solvents (DMF, DMSO, alcohols, chlorinated organic solvents)

Quality control: NMR ¹H, GC-MS (95%)

Storage conditions: Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.

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